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## Alarms

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In case of **high or low pressure** in the refrigeration system, HPCO or LPCO will be shown on the display as alarm code. The compressor and condenser fans are stopped automatically.

To restart turn the system off by pressing key (11) for 5 sec. Then press key (11) again to restart.

**Attention:** If the alarm comes up again don't restart. See the nearest dealer for service.

**Alarm codes:** If any component of the system is not working, press the keys (1) and (2) together to read the alarm code. The display will show an alarm code if there is an active alarm or it will show NO ERROR.

**Note:** In case of a component failure. The system will operate all other function as adjusted. Except the failed component.

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## Warranty Instructions

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Should you require warranty service during the warranty period, simply present your copy of the Warranty Certificate at any of the dealer locations shown in the Thermo King Service Directory. Terms of the complete Thermo King Corporation Warranty are available on request.



**CAUTION:** This is a driver's reference guide. If further information is required, consult your Thermo King service directory for the location and phone of the local dealer.

# VCP2

VEHICLE CLIMATE PROCESSOR

# Controller Operator's Manual



BCA022

**Control Panel Descriptions**

**Operating Instructions**

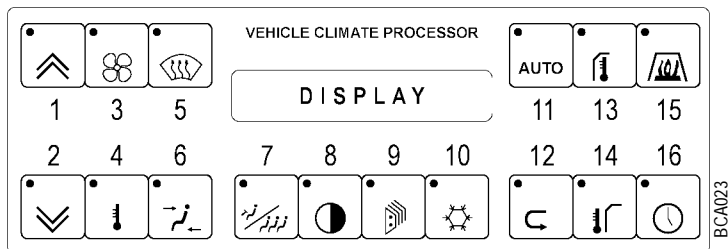
**Keys Index**

**Alarms**





# THERMO KING

TK 51706-3-PC © Thermo King Corporation




## Control Panel Descriptions and Operating Instructions







### GENERAL

-  **Contrast adjustment display**  
Press (8) and use the arrows (1, 2) to adjust the contrast.
-  **Set time and date**  
Press (16) once, the display will show "SET TIME".  
Set minutes: Press (16) again and use the arrows.  
Set hours: Press (16) for the third time and use the arrows.  
Set date: Press (16) for the fourth time and use the arrows.

### PRE-HEATER

-  **Setting the time and date for starting the pre-heater**  
Press (15) once, the display will show "PRE HEATER ON"  
Set minutes: Press (16) again and use the arrows.  
Set hours: Press (16) for the third time and use the arrows.  
Set date: Press (16) for the fourth time and use the arrows.  
Press (15) again, the display will show "PRE HEATER OFF"








### FRONT HEATER OPERATION

-  **Air temperature:** Press (4) and use the arrows (1, 2) to set the percentage of your choice.
-  **Blower speed:** Press (3) and use the arrows to set the blower speed.
-  **Recirculation air:** Press (12), the display will show "FR RECIRC ON". Press (12) again, the display will show "FR RECIRC OFF".
-  **Defrost front window:** Press (5), the display will show "xx DEFROST ON". Press (5) again, the display will show "xx DEFROST OFF".
-  **Air distribution driver/courier/feet:** Press (6) and use the arrows to distribute the hot or cold air according to your choice.
-  **A/C (Airco):** Press (10), the display will show "FR AIRCO ON". Press (10) again, the display will show "FR AIRCO OFF".



## Keys Index

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|--------------------------|---------------------------|
| (1) Higher value         | (9) Heating               |
| (2) Lower value          | (10) A/C (Airco)          |
| (3) Blower speed         | (11) Automatic operation  |
| (4) Temperature          | (12) Recirculation        |
| (5) Defrost front window | (13) Interior temperature |
| (6) Air distribution     | (14) Exterior temperature |
| (7) Selector (interior)  | (15) Pre-heater           |
| (8) Contrast adjustment  | (16) Time                 |

### INTERIOR OPERATION

-  Press (7) to **change climate in the interior**. The display will show "PASSANGER". The LED goes on and you now have 5 sec. to activate one of the function keys listed below. After 5 sec. of inaction the selector key will switch back to the driver position.
-  **Ventilation:** Press (7) and then (3) within 5 sec. and then use the arrows (1, 2) to regulate air quantity. The display will show "P. BLOWER 100%".
-  **Recirculation air:** Press (7) and then (12) within 5 sec. The display will show "P. RECIRC ON".
-  **Temperature:** Press (7) and then (4) within 5 sec. and use the arrows to set interior temperature (17–26 °C). The display will show "SET TEMP tt °C" (tt = temperature).
-  **Heating:** Press (7) and then (9) within 5 sec. If the LED is on, the heating is on. After 5 sec. "HEATING MODE" appears in the display.
-  **A/C (Airco):** Press (7) and then (10) within 5 sec. If the LED is on, the A/C is on. After 5 sec. "AIRCO MODE" appears in the display.
-  **Automatic operation:** Press (11), the interior temperature will automatically be kept at the set value of your choice. The display will show "AUTO ON".  
Press (11) for 5 sec., the control system will be **turned off**. If you press (11) again, the control system will be **reactivated**.

### DISPLAY

-  **Interior temperature:** Press (13) to display the current interior temperature.
-  **Exterior temperature:** Press (14) to display the current exterior temperature.  
If the exterior temperature is lower than +3 °C, the red LED starts burning as a warning about possibility of icy road.